

Claim 12. (Amended) [A raffinose synthase gene having] An isolated nucleic acid comprising a nucleotide sequence coding for the amino acid sequence of SEQ ID NO:[5] 6.

Claim 13. (Amended) [A raffinose synthase gene having] An isolated nucleic acid comprising the nucleotide sequence of SEQ ID NO:[6] 5.

Claim 17. (Amended) [A raffinose synthase gene having] An isolated nucleic acid comprising a nucleotide sequence coding for the amino acid sequence of SEQ ID NO:[7] 8.

Claim 18. (Amended) [A raffinose synthase gene having] An isolated nucleic acid comprising the nucleotide sequence of SEQ ID NO:[8] 7.

Claim 40. (Amended) An isolated nucleic acid comprising (i) a polynucleotide having a sequence that encodes a protein having an amino acid sequence selected from the group consisting of SEQ. ID. [NO. 1, 3, 5 or 7] NOS:2, 4, 6 or 8 or (ii) a polynucleotide having a sequence complementary to said sequence, or (iii) comprising a polynucleotide that hybridizes to the polynucleotide (i) or (ii) in 0.9 M NaCl, 0.09 M citric acid at 65°C.